

**RANDOM BIOMETRIC AUTHENTICATION METHODS AND SYSTEMS**

**ABSTRACT**

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Methods and systems for biometrically securing  
access to electronic systems. A user prompted to input  
to the electronic system at least one biometric  
attribute randomly selected from a user profile  
10 containing biometric attributes of the user. A user may  
be prompted to input such a biometric sample through a  
user interface integrated with the electronic system. A  
user may be permitted to perform a user-desired  
activity, such as accessing an ATM machine, particular  
15 data, or entry to a secure area, if at least one  
biometric attribute input by the user to the electronic  
system matches at least one biometric attribute randomly  
selected from the user profile. A user profile may be  
generally accessible from a server through the  
20 electronic system. A user profile may also be accessible  
from a biometric broker through the electronic system  
over a secure network connection. A user profile may  
also be accessible from a hand held device, such as a  
smart card, wireless PDA or wireless communication  
25 device.